



# Citizen Data Academy

## Intro Course

Tuesday, October 13, 2020  
5:30 - 7:00 PM

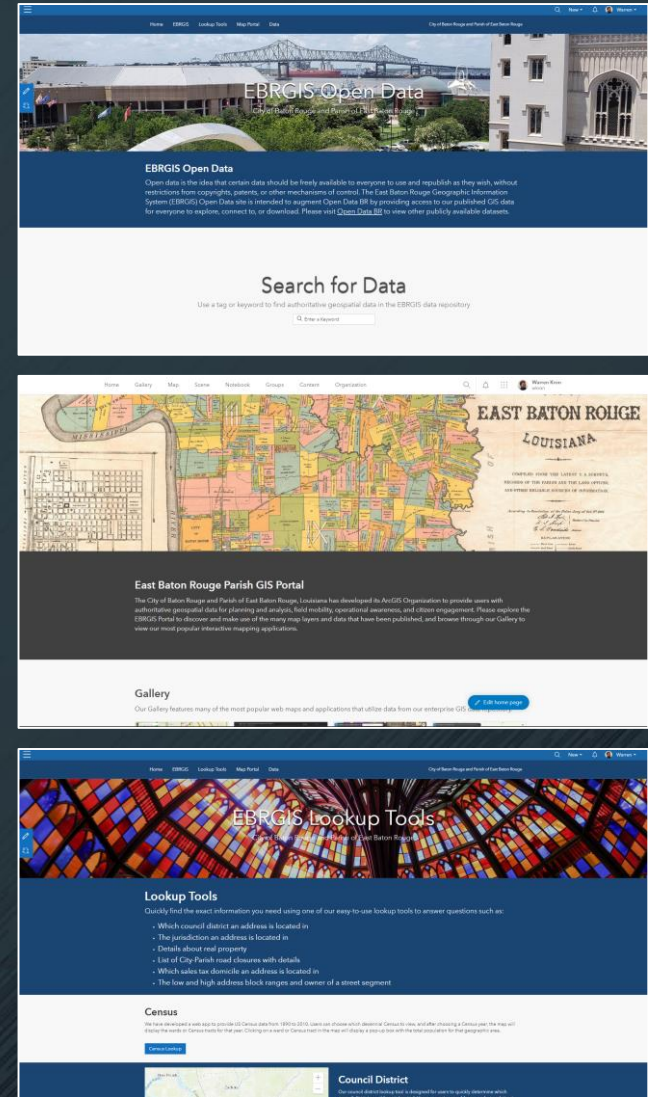
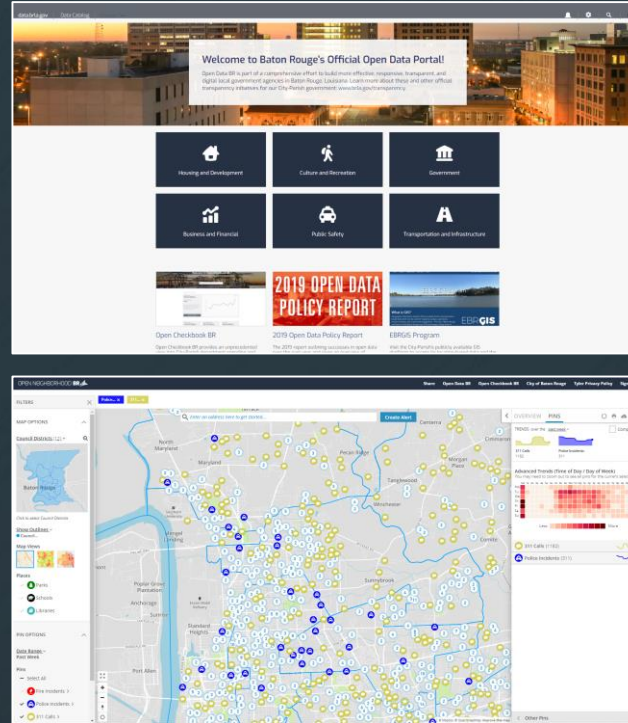
City of Baton Rouge - Parish of East Baton Rouge  
Department of Information Services



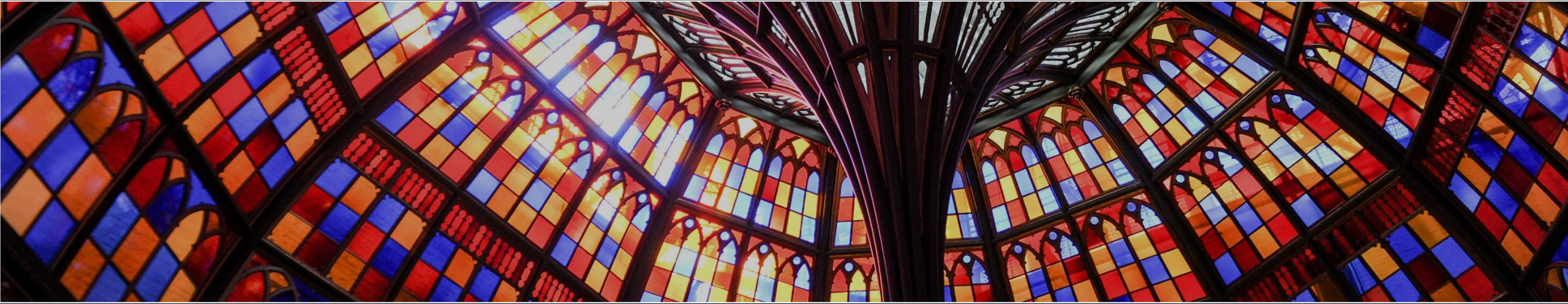


# Session 1 Overview

- Digital Initiatives
- Open Data BR
- Open Neighborhood BR
- EBRGIS Open Data
- EBRGIS Maps
- EBRGIS Lookup Tools
- Wrap-Up







# City-Parish Digital Initiatives

## Transparency

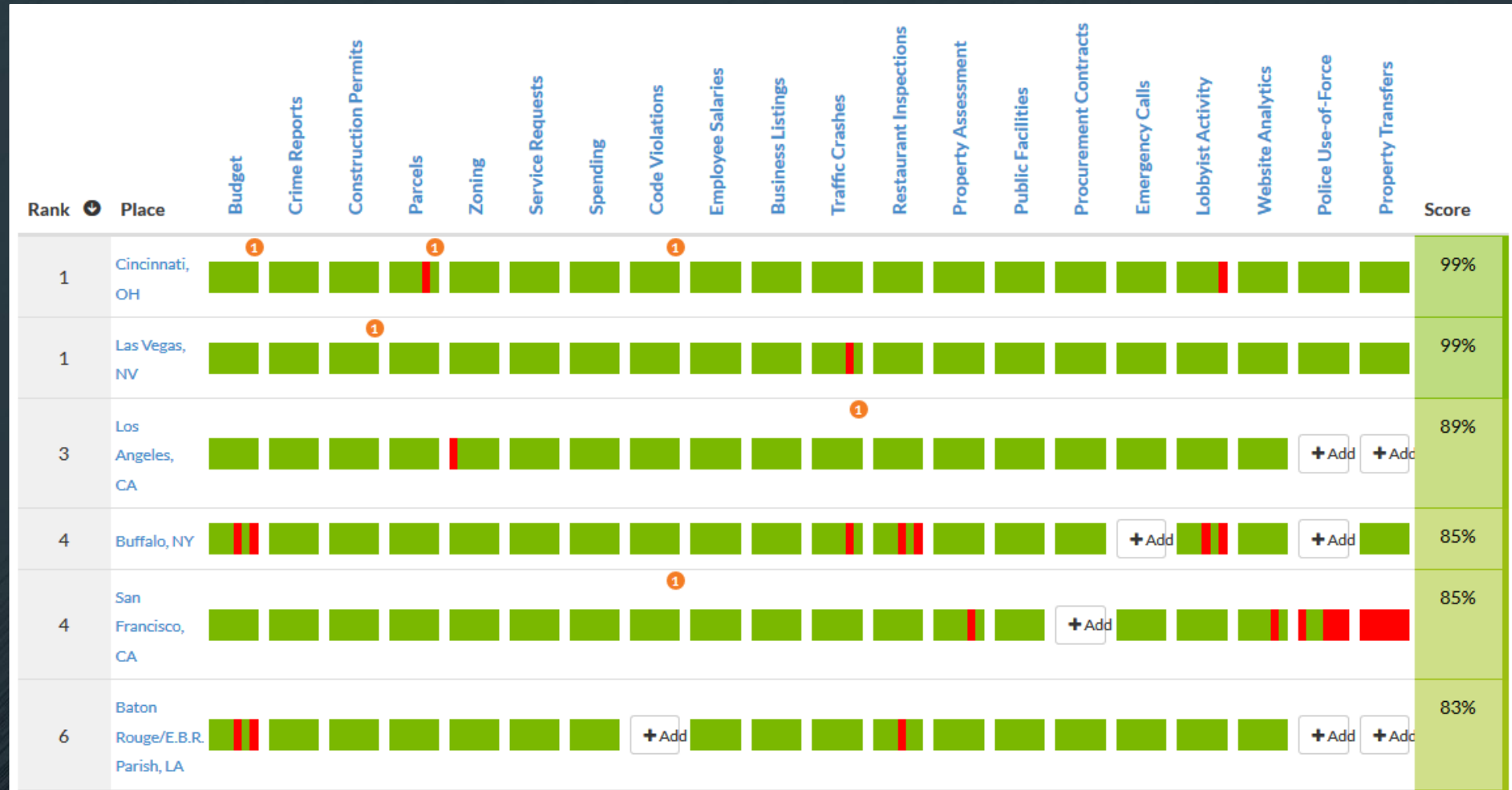
- Transform Baton Rouge into a Digital City
- Publish Data in Public Domain
- Inspire Innovation

## Efficiency and Effectiveness

- Open Data Policy
- Governance Increases Collaboration
- Regular Reporting Drives Accountability

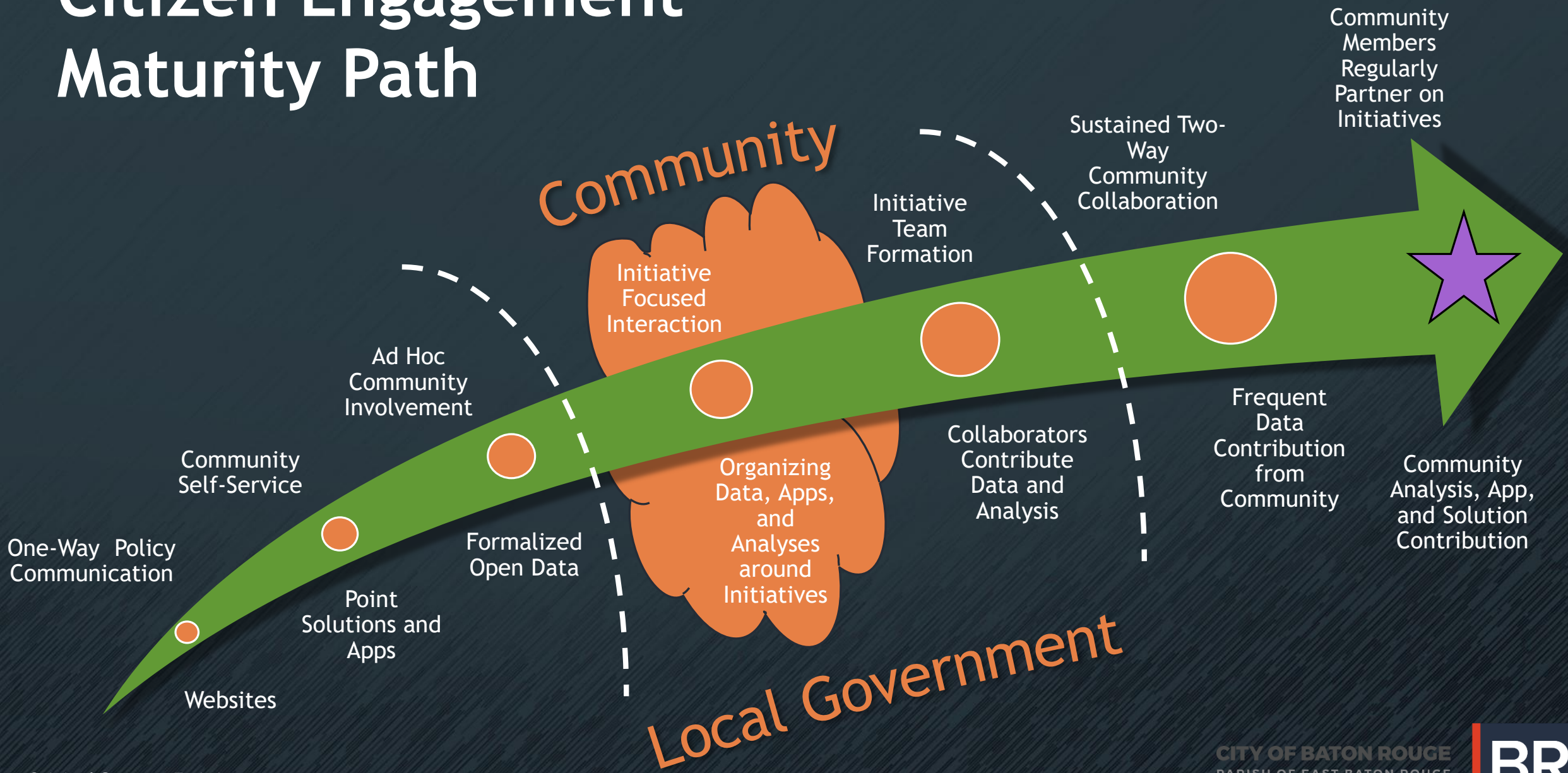


# US City Open Data Census



Source: <http://us-cities.survey.okfn.org/>

# Citizen Engagement Maturity Path



Original Source: Esri, Inc.

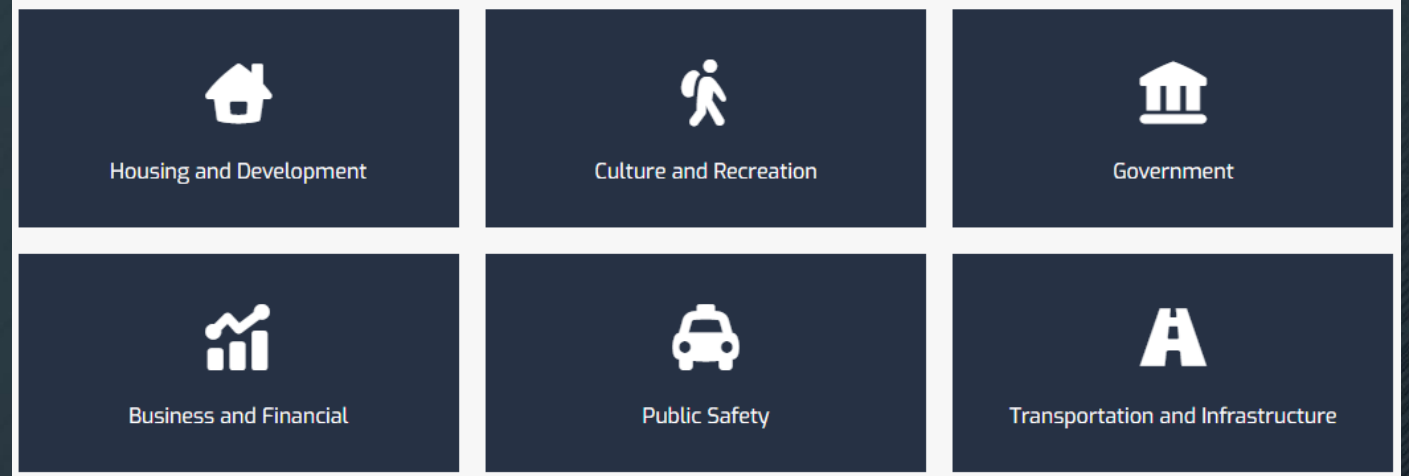
# Open Data Portals

	Open Data BR	EBRGIS Open Data
Information	Tabular data managed by City-Parish Departments	Location-based data managed by the GIS Team
Capabilities	Filter, query, and create custom views and visualizations	Visualize data and perform spatial analysis in mapping applications
Use Cases	Lookup crime data, neighborhood trends, and City-Parish spending	View property assessments in your neighborhood or traffic patterns



# Open Data Categories

- Business and Financial
- Culture and Recreation
- Government
- Housing and Development
- Public Safety and Health
- Transportation and Infrastructure

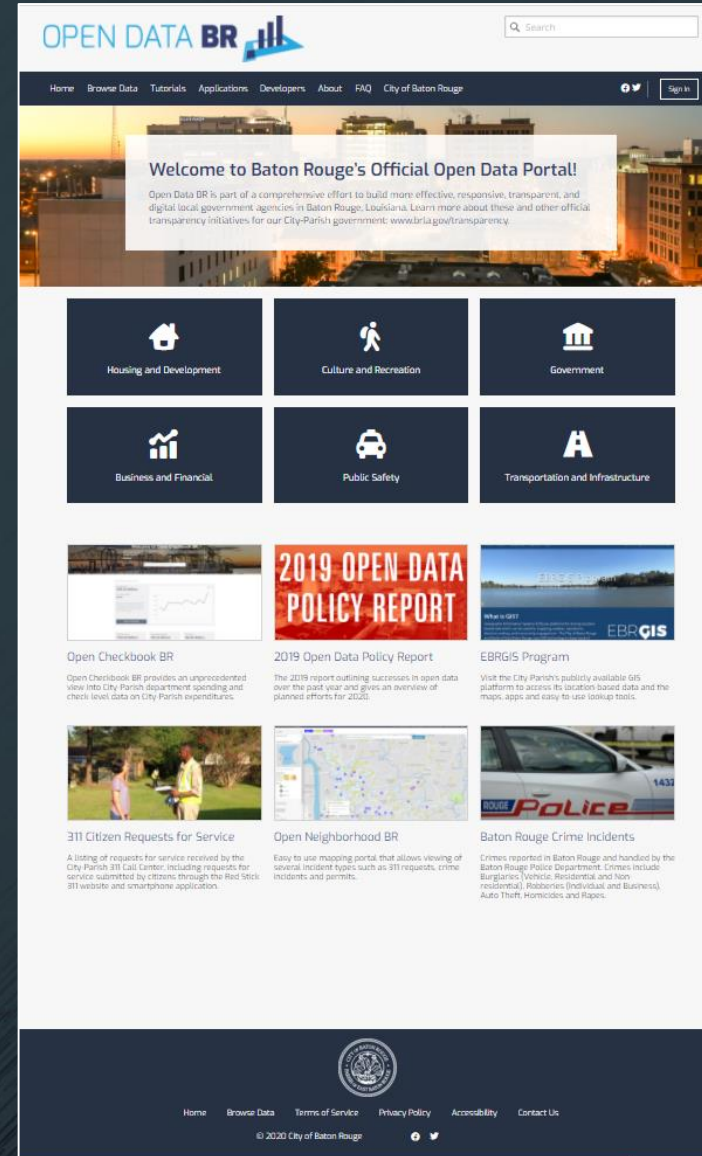


# Open Data BR

<https://data.brla.gov>

## ➤ Metrics

- 47 Datasets
- 64 Charts
- 40 Filtered Views
- 47 Maps
- 4.7M Page Views
- 76,000 Embeds
- 40.5M Rows of Data





# Open Data BR

## ➤ Primer Page

- *Description*
- *Featured Content*
- *Metadata*
- *Columns in the Dataset*
- *Table Preview*

OPEN DATA BR

Search

HomeBrowse DataTutorialsApplicationsDevelopersAboutFAQCity of Baton Rouge

311 Citizen Requests for ServiceGovernment

View DataVisualizeExportAPI

This dataset includes all requests for service received from the City-Parish 311 Call Center, including requests for service submitted online and through the Red Stick 311 mobile application, dating back to January 1, 2016. Submitter names, phone numbers, and e-mail addresses are redacted for privacy purposes. Data is updated daily from the Public Works

Updated  
September 11, 2020

Data Provided by  
Public Works Business Office

311 Citizen Requests for Service Dashboard

External Content

This dashboard is for monitoring the last 180 days of 311 requests and provides a variety of filtering tools and maps.

Open Neighborhood BR

External Content

This user-friendly interactive mapping application allows viewing of all 311 requests and the details about each one.

311 Requests by Parent Type - Current Year

September 11, 202096 Views

Pie chart showing 311 requests by parent type for the current year

About this DatasetMute Dataset

Updated  
**September 11, 2020**

Date Last Updated  
September 11, 2020

Metadata Last Updated  
April 27, 2018

Date Created  
October 5, 2016

Views  
**20.3K**

Downloads  
**2,895**

Data Provided by  
Public Works Business Office

Dataset Owner  
Open Data BR

Dataset Information

Update Frequency	Daily
Source Department	Public Works

Topics

Category	Government
Tags	request, service, 311, public works

Licensing and Attribution

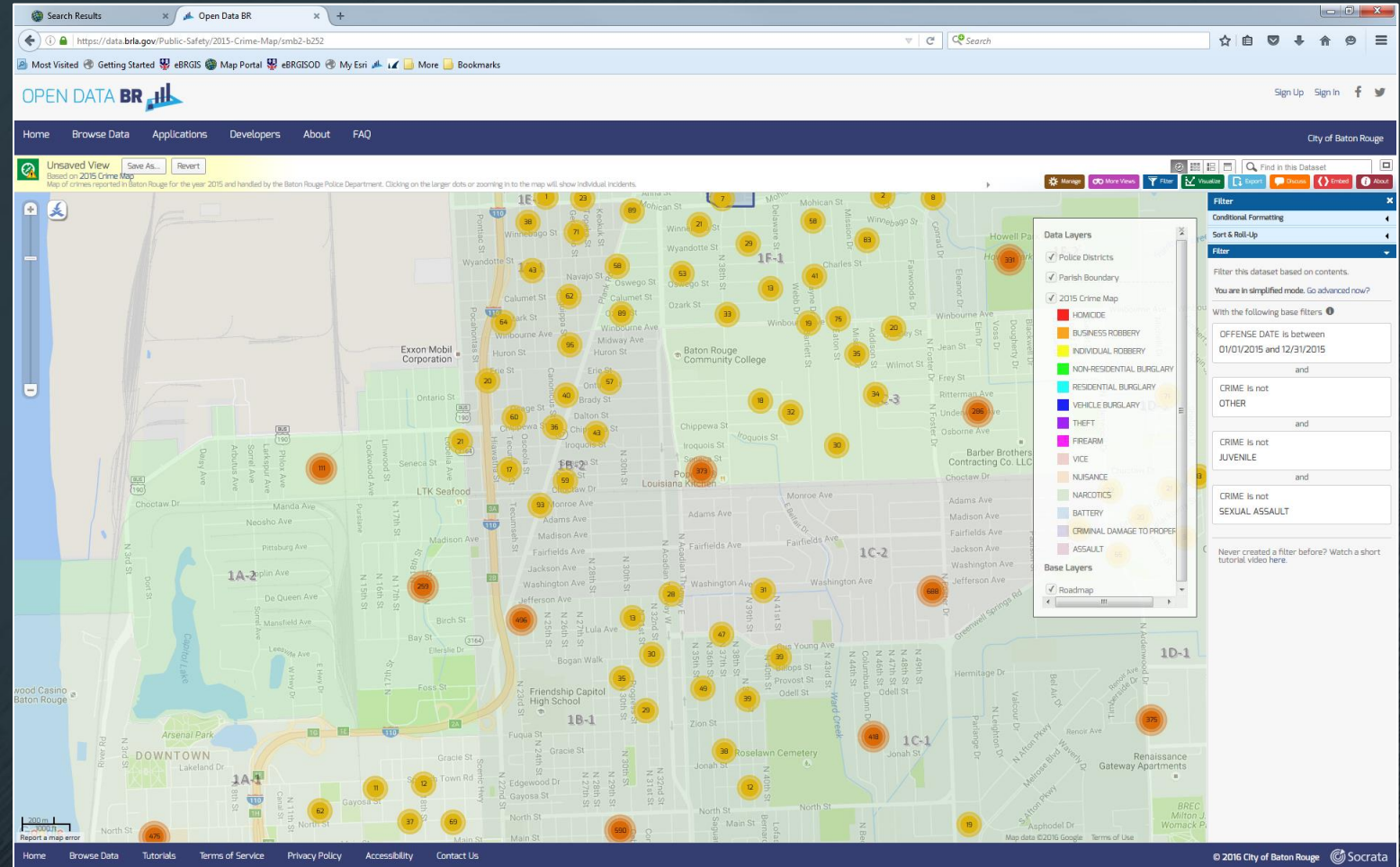
License	Public Domain
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# Open Data BR

## ➤ View Types

- *Tabular*
- *Line Chart*
- *Pie Chart*
- *Bar Chart*
- *Combo Chart*
- *Map*





# Open Data BR

## ➤ Download Formats

- CSV
- JSON
- RDF
- RSS
- XML

## ➤ API Connections

- OData V2 and V4
- SODA

data.brla.gov | Data Catalog | Create

2019 Adjudicated Property | Public

2019 Adjudicated Property  
Based on [Adjudicated Property](#)  
In the event that your taxes are not paid by a certain date, the Sheriff's Office will advertise your property for sale to the general public to

More Views | Filter | Visualize | Export | Discuss | Embed | About

TAX	PROPERTY NUM.	TAXPAYER NAME	TAXPAYER ADDRESS	TAXPAYER CITY STAT.	PHYSICAL ADDRESS	SUBDIVISION NAME	BLOCK/SQUA.	LOT NO.	WARD	LEGAL DESC.
2019	013-1541-2	WILLIAMS, BERTHA W ROGERS	302 S W 17TH ST	GRAND PRAIRIE TX 75051		FORTUNE	28	11	1-2	2011 (138-12)
2019	014-3656-2	STEWART, ALPHONSE	90 BRIGHTON DR	COVINGTON GA 30016-00		UNIVERSITY PLACE	42	13	1-5	1996 (6210)
2019	002-1268-7	ELLIS, GERTRUDE BARROW	4841 JACKSON AVE	BATON ROUGE LA 70802	4841 JACKSON AVE	EAST FAIRFIELDS	4	14	1-2	2002 (237-1)
2019	005-3821-3	RYAN, MARGARET	1801 W TICHENOR ST	COMPTON CA 90220-0000	2731 RIVER RD	SOUTH BATON ROUGE	179	C	1-3	1986 (P-464)
2019	000-3928-4	MNY, LLC	C/O TRON TOMLINSON 62	GRETNIA LA 70053-0000	3325 SENECA ST	PRESGOTT PLACE		64	1-1	SEC. II 2000.
2019	018-5212-4	JOHNSON, JERRY A	3154 QUEBEC DR	BATON ROUGE LA 70819	3154 QUEBEC STREET	VILLAGE COTE		93	3-0	2ND FILING 2
2019	004-3863-4	SHELBY, FRANCES Z	C/O HUEY TUCKER 8622 S	BUECHE LA 70720-0000		HIGHLAND HEIGHTS	3	19	1-2	1995 (359-10)
2019	013-7468-0	PELLERIN, ZULA R	7656 PRESCOTT RD	BATON ROUGE LA 70812	7656 PRESCOTT ROAD	VICTORIA FARMS		105-A-1	2-1	LOT 105 A-1 C
2019	000-5127-6	CITIFINANCIAL CONSUMER SERVIC	300 ST. PAUL PLACE	BALTIMORE MD 21202	2248 MISSION DRIVE	BELFAIR HOMES		333 PT	1-1	SOUTH 1/2 OF
2019	001-6568-9	SCOTT, LIDEAL	637 MARCELLIOUS LN	BATON ROUGE LA 70802	637 MARCELLIOUS LN	POWERS	348	5 PT	1-1	PORTION OF
2019	013-4067-0	JOHNSON, KEITH T	10308 BARRINGTON DR	BAKER LA 70714-0000	1030-B BARRINGTON DR	BARRINGTON TOWNHOUSE		94-B	2-2	LOT 94-B, RE
2019	024-1763-4	FUTURE TRENDS, LLC	PO BOX 113027	METAIRIE LA 70011-0000		BUFFINGTON HEIGHTS		52	1-3	1986 (1945-9
2019	014-7274-7	WEBB, AUDREY LEE JAMES	1475 PROGRESS RD	BATON ROUGE LA 70807		NORTH BATON ROUGE		85-X	1-5	A CERTAIN FI
2019	004-7849-0	WEST, CLYDE	2365 69TH AVE	BATON ROUGE LA 70807		GLEN OAKS		72	1-2	1997 (95-107
2019	013-4941-4	WILDERNESS AT WHITE OAK, INC	PO BOX 702348	DALLAS TX 75370-0000		WILDERNESS AT WHITE OAK		Y	3-0	TRACT Y, 2ND
2019	001-4767-2	PERCELL, EFFIE ROSA	4005 MONTICELLO BLVD	BATON ROUGE LA 70814		HART	3	4 PT +	1-1	5 33 FT. OF L
2019	023-3800-9	LOPEZ, ELDER IVAN PERES	4043 TUSCARORA ST	BATON ROUGE LA 70805	4043 TUSCARORA ST	PROSPERITY	14	13	1-2	LESS & EXCE
2019	000-0214-3	KEELEN, LOUISE ALLEN	750 N 31ST ST	BATON ROUGE LA 70802	750 N 31ST ST	RICHMOND PARK	5	4 PT	1-1	NORTH 50 FT
2019	003-1561-3	HARRIS, YORK P	C/O RAY D HARRIS 1923 N	BATON ROUGE LA 70802		EDEN PARK	5	7	1-2	LOT 7 5Q, 5 E
2019	002-2996-2	LEADER FEDERAL BANK FOR SAVI			5136 MCCELLEND AVENUE	BROOKSTOWN PLACE		38	1-2	ADJ. FOR 199
2019	001-5840-2	RIDLEY, IRMA W	850 HART ALLEY	BATON ROUGE LA 70802		BURKE J. J. ESTATE		12	1-1	A CERTAIN LC
2019	011-4234-8	BARANCO, RAPHAEL A, SR	C/O BEVERLY ANN BROUS	SAN LEANDRO CA 94577		UNIVERSITY PLACE	43	23	1-5	50 43 UNIVE
2019	006-7630-6	JOHNSON, JULIA MAE	C/O LLOYD LEBALINC 1519	LONG BEACH CA 90805	468 ROSELAWN AVE	GEORGETOWN	2	10	1-3	1995 (362-10)
2019	001-7701-3	SCOTT, JULIE	C/O MATTHEW GORDON 2894	BATON ROUGE LA 70807	3333 E CHAMPMAN	MONTICELLO AND C	3	11	1-2	LOT 11 OF 14

< Previous Next >

Showing rows 1 to 100 out of 4,973

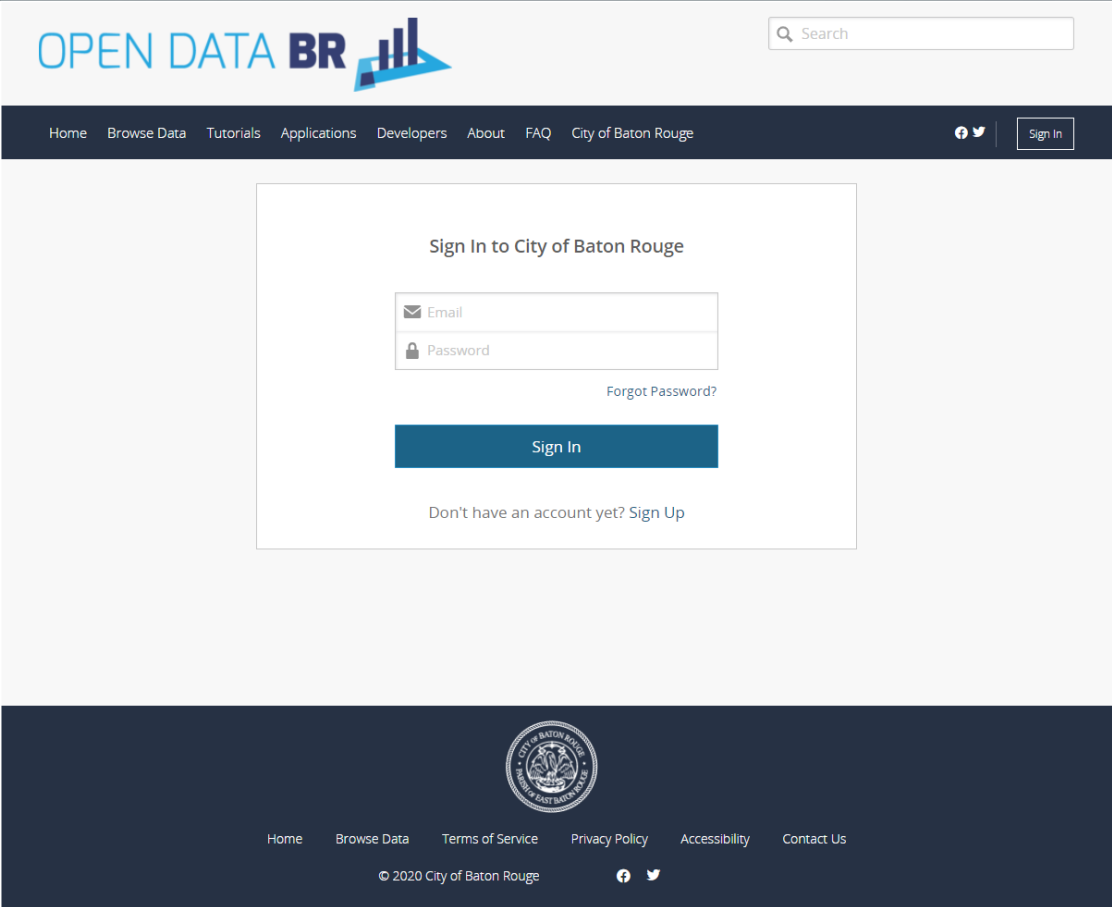
Home | Browse Data | Terms of Service | Privacy Policy | Accessibility

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# Open Data BR

- **Sign up for a Free Account**
  - *Requires a valid email address*
- **Benefits**
  - *Save dataset views and visualizations*
  - *Nominate datasets*



The screenshot displays the 'Open Data BR' website interface. At the top, the logo 'OPEN DATA BR' is accompanied by a bar chart icon. A search bar is located in the top right corner. Below the header, a navigation menu includes links for Home, Browse Data, Tutorials, Applications, Developers, About, FAQ, and City of Baton Rouge. A 'Sign In' button is positioned on the right side of the navigation bar. The main content area features a 'Sign In to City of Baton Rouge' form with input fields for Email and Password, a 'Forgot Password?' link, and a 'Sign In' button. Below the form, a link for 'Don't have an account yet? Sign Up' is provided. The footer contains the City of Baton Rouge seal, a secondary navigation menu with links for Home, Browse Data, Terms of Service, Privacy Policy, Accessibility, and Contact Us, the copyright notice '© 2020 City of Baton Rouge', and social media icons for Facebook and Twitter.

# Open Neighborhood BR

<https://my.brla.gov>

## ➤ Spatial Filters

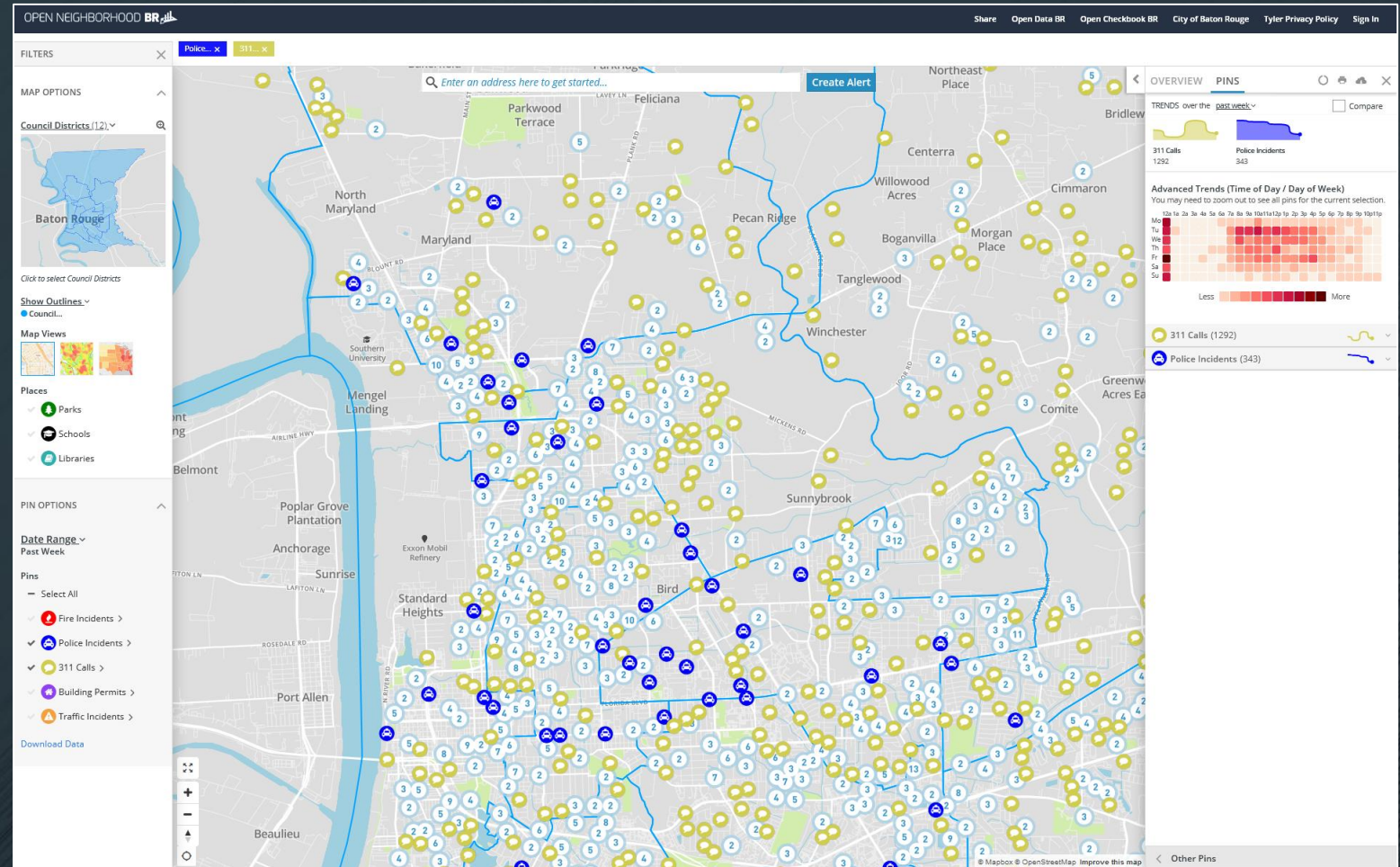
- Council Districts
- Neighborhoods
- ZIP Codes

## ➤ Map Views

- Street
- Heat
- Thematic

## ➤ Places

- Parks
- Schools
- Libraries





# Open Neighborhood BR

## ➤ Pins

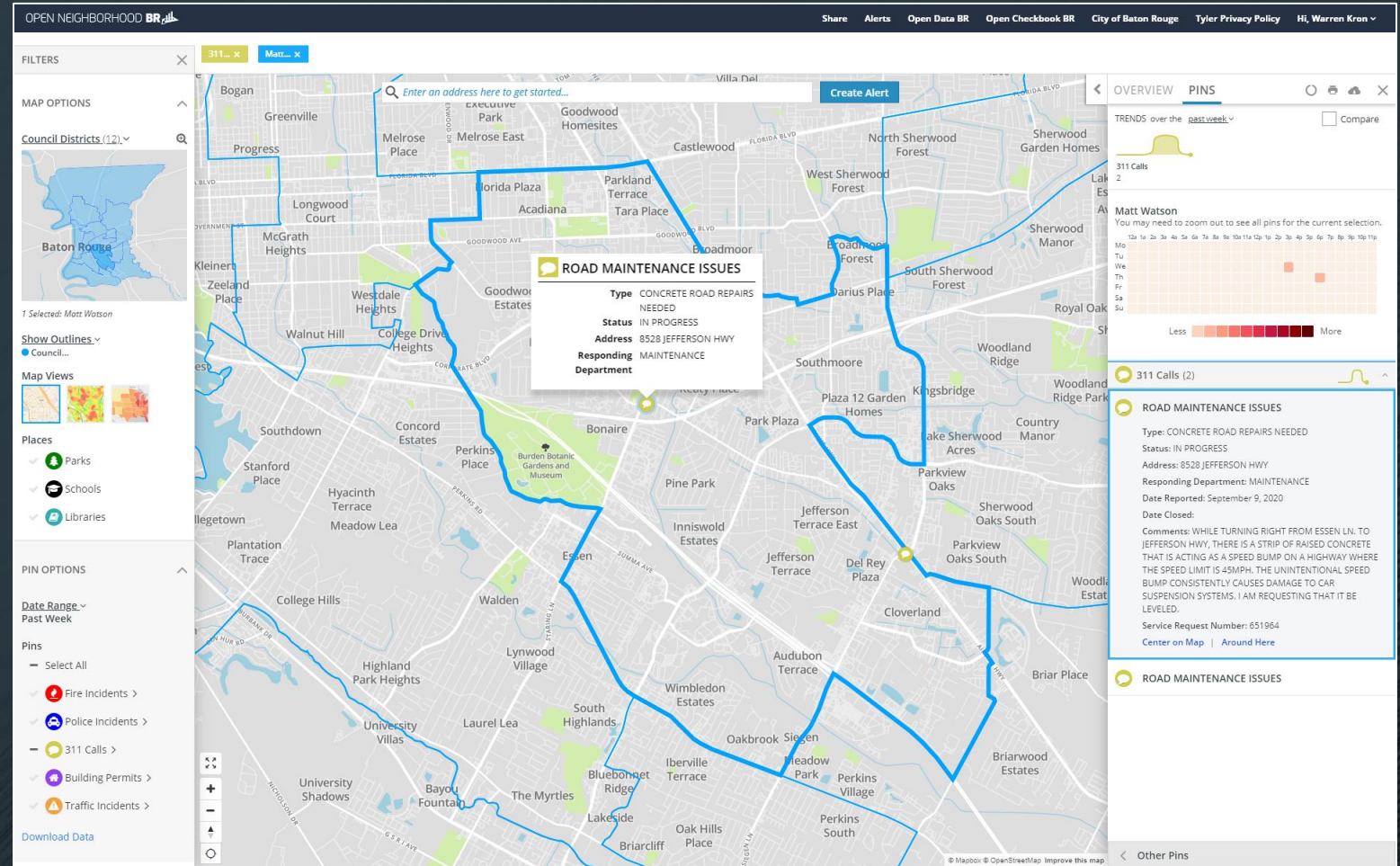
- Fire Incidents
- Police Incidents
- 311 Calls
- Building Permits
- Traffic Incidents

## ➤ Date Range

- Defaults to Past Week
- Preset Options
- Custom Range

## ➤ Download Data

- Entire Dataset
- Filtered Dataset



# Open Neighborhood BR

## ➤ Trends

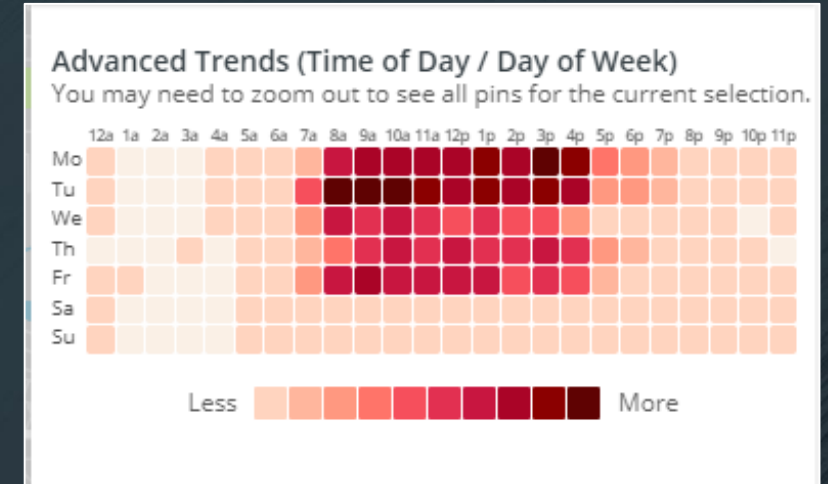
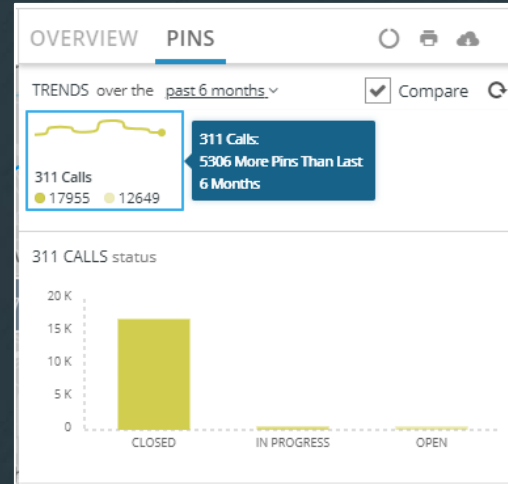
- Count of records over a specified date range
- Compare results with the previous period

## ➤ Advanced Trends

- Heat chart based on the count of records by day and hour of the day
- Grid cells serve as filters in the map window

## ➤ Record Details

- Specific information of each pin displayed in the map window



311 Calls (17955)

GARBAGE

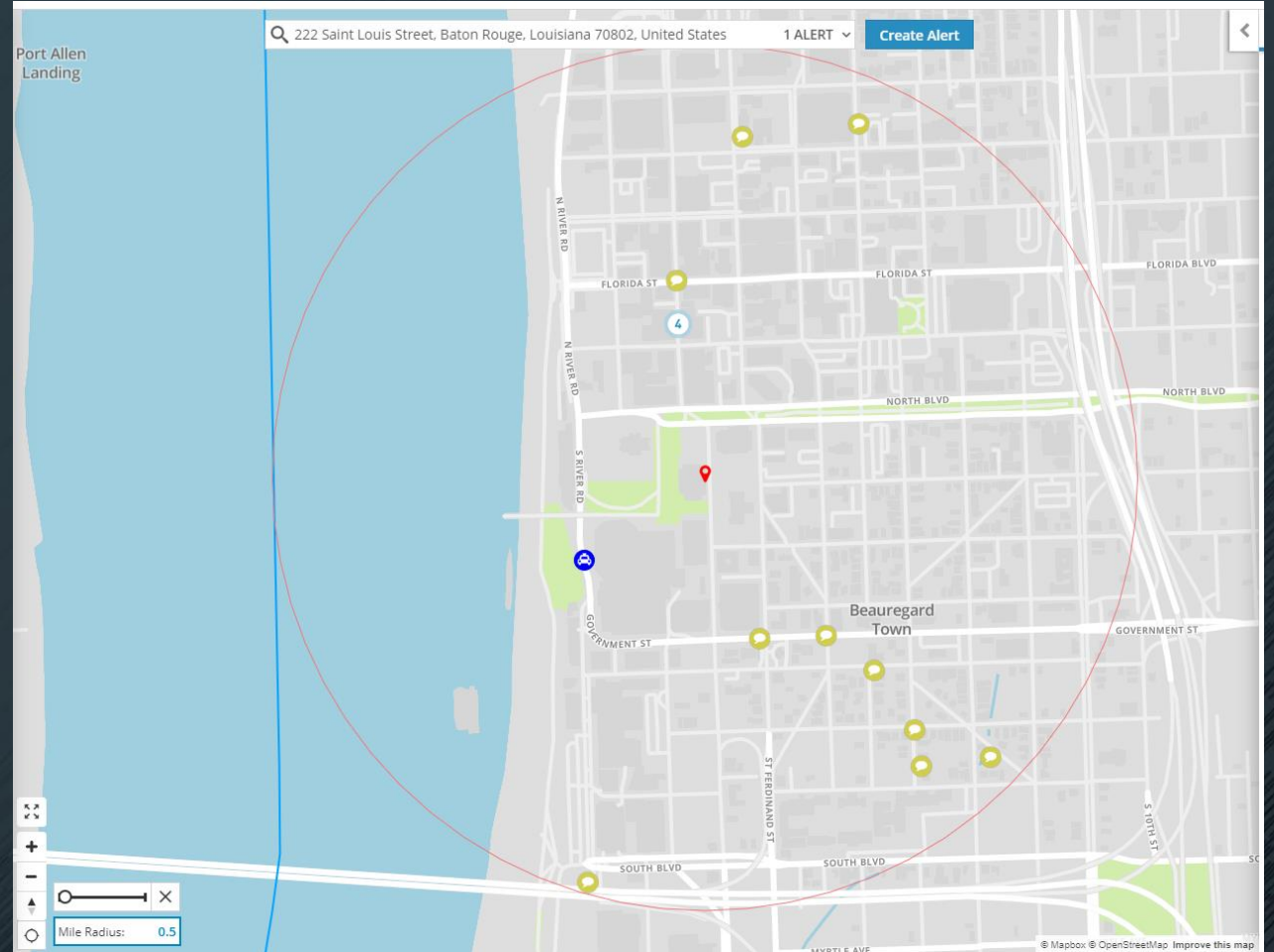
Type: SAME DAY SERVICE STATUS  
Status: CLOSED  
Address: 829 WHEATSHEAF DR  
Responding Department: ENVIRONMENTAL SERVICES  
Date Reported: March 26, 2020  
Date Closed: 2020-03-26T17:36:00.000  
Comments: CALLER DIDNT HAVE HER CART OUT IN TIME. SHE SAYS SHE WAS WAITING FOR THE TRUCK BECAUSE THERE HAS BEEN VANDALISM IN HER AREA AND SHE DIDNT WANT TO LEAVE THE CART OUT. ADVISED RESIDENT THAT THEY WILL NOT GO BACK OUT AND CART WILL BE SERVICED NEXT BUSINESS DAY. THE SR WAS PUT IN FOR DOCUMENTATION.  
Service Request Number: 601355  
[Center on Map](#) | [Around Here](#)



# Open Neighborhood BR

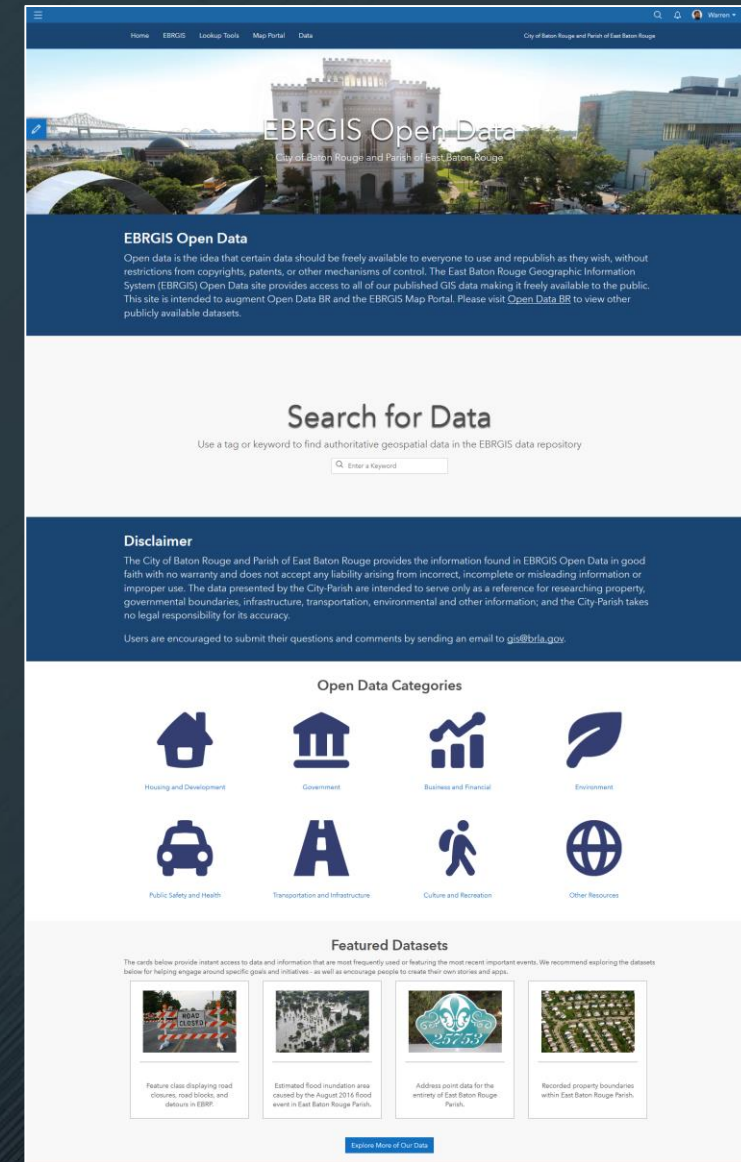
## ➤ Alerts

- *Sign in using your Open Data BR user name*
- *Configure the map to display the area of interest and pins*
- *Set the Mile Radius*
- *Click the Create Alert button*
- *Name the Alert*
- *Choose to send an email with updates*
- *Choose frequency of emails*



# EBRGIS Open Data

- 187 publicly available feature layers
- Six (6) Open Data Categories, plus:
  - *Environment*
  - *Other Resources*
- Download Formats
  - CSV
  - KML
  - Shapefile
- API Connections
  - REST
  - GeoJSON
  - OGC WMS





# EBRGIS Maps

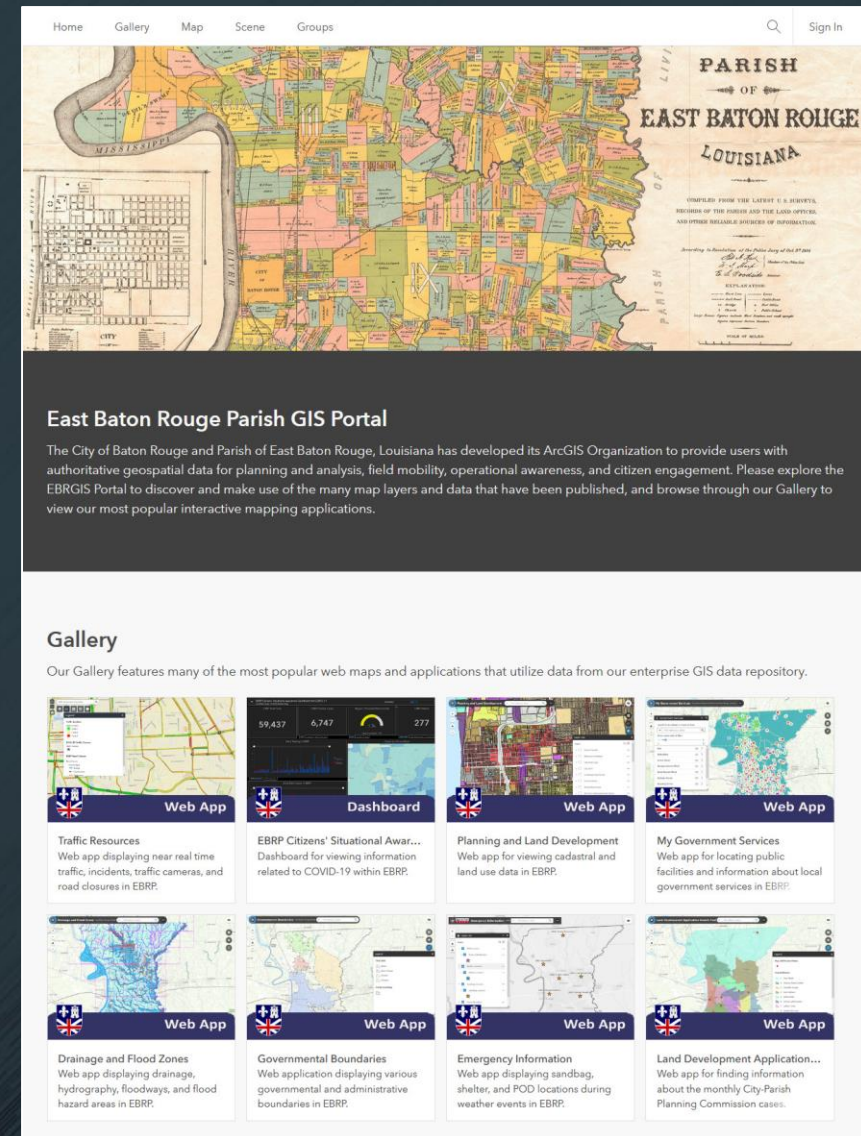
<https://ebrgis.maps.arcgis.com>

## ➤ Metrics

- 21 Web Maps
- 24 Web Applications
- 75 PDF Maps
- 4 Dashboards
- 9 Story Maps

## ➤ Gallery features the most popular maps and apps

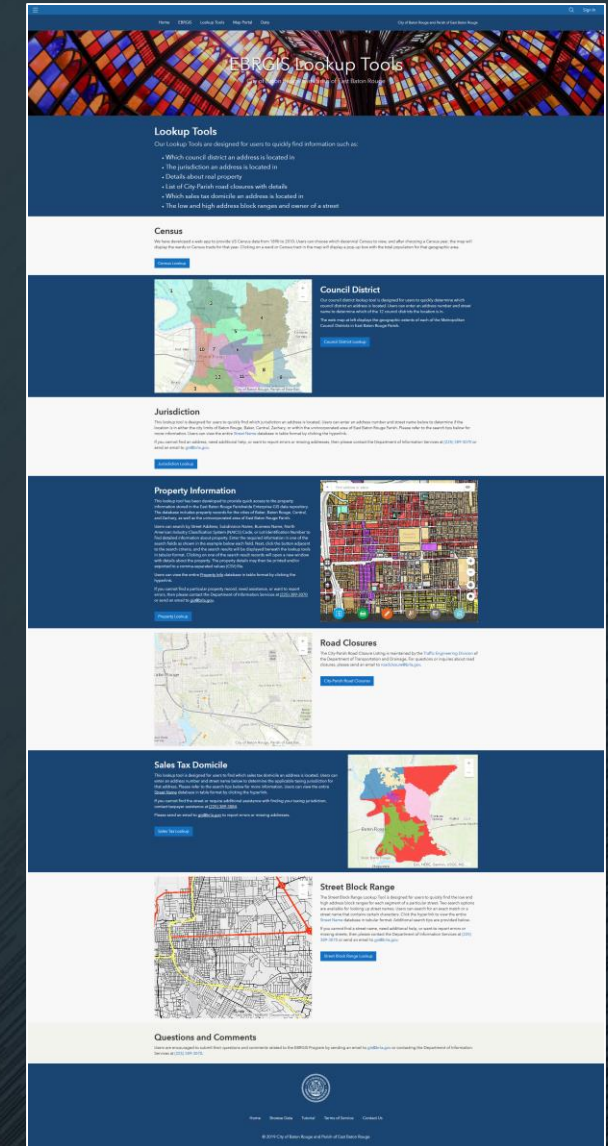
## ➤ Content can be searched by open data category, tags, or type





# EBRGIS Lookup Tools

- **Census**
  - *Population data from 1890 to 2010*
- **Council District**
  - *Councilperson and district number*
- **Jurisdiction**
  - *Baker, Baton Rouge, Central, Zachary, or unincorporated area*
- **Property**
  - *Over 40 details about each legally recorded lot*
- **Road Closure**
  - *Current and future City-Parish street closure info*
- **Sales Tax Domicile**
  - *Taxing jurisdiction and hotel tax columns*
- **Street Block Range**
  - *Low and high addresses, jurisdiction, and owner*





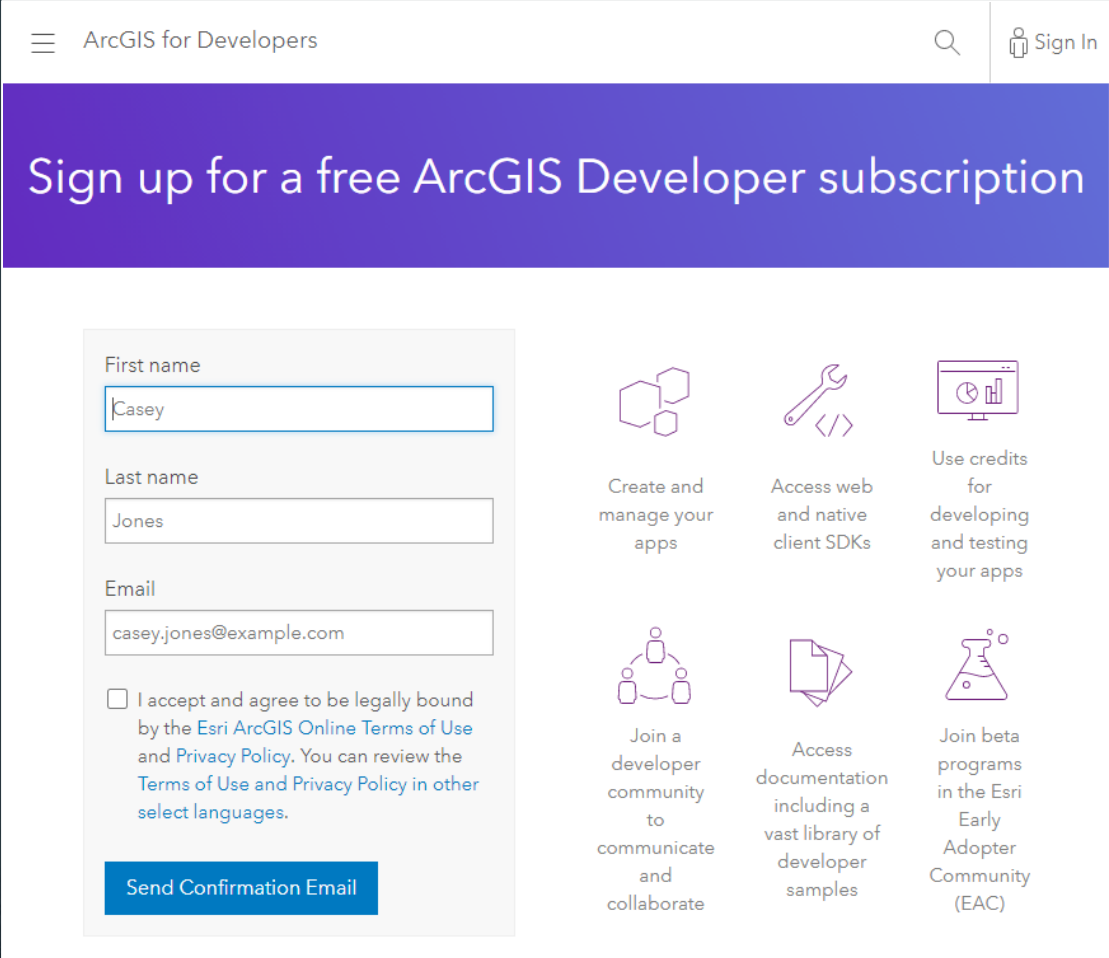
# EBRGIS

## ➤ Sign up for a Free Account

- <https://developers.arcgis.com/sign-up/>
- Requires a valid email address

## ➤ Benefits

- Save, create, and edit map layers
- Create web maps and apps



The screenshot shows the 'ArcGIS for Developers' sign-up page. At the top, there's a navigation bar with the 'ArcGIS for Developers' logo, a search icon, and a 'Sign In' button. Below this is a large purple banner with the text 'Sign up for a free ArcGIS Developer subscription'. The main content area is divided into two columns. The left column contains a sign-up form with fields for 'First name' (filled with 'Casey'), 'Last name' (filled with 'Jones'), and 'Email' (filled with 'casey.jones@example.com'). Below the email field is a checkbox for accepting the 'Esri ArcGIS Online Terms of Use and Privacy Policy'. A blue 'Send Confirmation Email' button is at the bottom of the form. The right column features six icons representing different benefits: 'Create and manage your apps' (hexagons), 'Access web and native client SDKs' (wrench and code symbols), 'Use credits for developing and testing your apps' (monitor with bar chart), 'Join a developer community to communicate and collaborate' (three people icons), 'Access documentation including a vast library of developer samples' (stack of papers), and 'Join beta programs in the Esri Early Adopter Community (EAC)' (flask with bubbles).

# Wrap-Up

- Digital Initiatives Overview
  - [brla.gov/IS](http://brla.gov/IS)
- EBRGIS Quarterly Newsletter
  - [gis.brla.gov](http://gis.brla.gov)
- Next Citizen Data Academy Sessions
  - Session 2 - Monday, November 9<sup>th</sup>
  - Session 3 - Tuesday, December 15<sup>th</sup>
- Virtual GIS Day
  - 5:30 to 7 PM, Wednesday, November 18<sup>th</sup>
- Contact Us
  - [opendata@brla.gov](mailto:opendata@brla.gov)
  - (225) 389-3070

## DIGITAL RESOURCES FOR A DIGITAL CITY



Our City-Parish is dedicated to creating a more efficient, effective, and responsive City-Parish government using technology at all levels. Under the leadership of Mayor-President Sharon Weston Broome and through our Department of Information Services, we are actively advancing programs, platforms, initiatives, and policies focused on developing Baton Rouge into a hub for digital and technological innovation. Learn more about some of our latest digital initiatives.

### Open Checkbook BR: An Unprecedented View into City-Parish Spending

In 2018, the City-Parish launched Open Checkbook BR – one of the first major accomplishments through the City-Parish's open data policy offering an unprecedented, interactive view into City-Parish government spending that is both sortable and searchable.

>> [CHECKBOOK.BRLA.GOV](http://CHECKBOOK.BRLA.GOV)

### Red Stick 311: Request Services, Expect Results

Our Red Stick 311 program helps connect Baton Rouge citizens with the right City-Parish department, whenever they need to request services or report issues. Download our free RS311 mobile app on Apple or Android devices, and monitor the progress of issues you've reported until they are resolved.

>> [311.BRLA.GOV](http://311.BRLA.GOV)

### Open Neighborhood BR: Building Safer Neighborhoods and More Informed Residents

This first-of-its-kind platform provides residents with up-to-date, neighborhood-based information on crime, traffic, 311 requests for service, permits, and more. Create an account to save searches and receive email alerts on new incidents near you.

>> [MY.BRLA.GOV](http://MY.BRLA.GOV)

### Stay #RedStickReady, Baton Rouge

Our Red Stick Ready app, available as a free download on Apple and Android devices, provides residents with an "on-the-go" resource for official, real-time communications and updates during emergency response and disaster situations - including push notifications and more.

>> [REDSTICKREADY.COM](http://REDSTICKREADY.COM)

### Waze Connected Citizens Program: Reducing Congestion through Innovative Partnerships

Over the past several years, the City-Parish has maintained an active partnership with Waze through its Connected Citizens Program, helping to connect traffic engineers with Waze app data in efforts to reduce traffic congestion and get Baton Rouge residents to work and home quickly and safely.

>> [BRLA.GOV/WAZE](http://BRLA.GOV/WAZE)

### Geographic Information System (GIS) Program: An Award-Winning Approach to Maps and Geospatial Data

Our award-winning GIS program is home to more than 60 web maps and apps, more than 100 printable reference maps, more than 100 authoritative map layers for download, and powers critical services for City-Parish operations, from emergency response to pothole filling efforts.

>> [GIS.BRLA.GOV](http://GIS.BRLA.GOV)

### Open Data BR: Baton Rouge's Official Open Data Portal

Over the past several years, the City-Parish's open data efforts have grown to become a leader for mid-sized communities across the U.S., with more than 30 unique datasets and 35 million rows of data, while serving as the foundation for related platforms and applications such as Open Checkbook BR.

>> [DATA.BRLA.GOV](http://DATA.BRLA.GOV)

### Open Data Policy: A Government Mandate for Transparency

In late 2017, with the support of Bloomberg Philanthropies and the Sunlight Foundation, Mayor Broome and the Metro Council established a formal open data policy for City-Parish operations, mandating an "open by default" approach to City-Parish data for the first time ever.

>> [BRLA.GOV/TRANSPARENCY](http://BRLA.GOV/TRANSPARENCY)



DEPARTMENT OF INFORMATION SERVICES / [IS@BRLA.GOV](mailto:IS@BRLA.GOV) / 225.389.3070



# Questions and Comments

# Thank You!

Please complete a course evaluation



<https://arcg.is/1THan4>